

Converting Colors

YUV(132.2690, 32.4054,
12.9191)

Have a look what the booklet for
YUV(132.2690, 32.4054, 12.9191)
contains.

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Color

**YUV(132.2690, 32.4054,
12.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	9370C6
RGB	147, 112, 198
RGB Percent	58%, 44%, 78%
CMY	0.4235, 0.5608, 0.2235
CMYK	0.26, 0.43, 0.00, 0.22
HSL	264°, 43%, 61%
HSV	264°, 43%, 78%
XYZ	28.0198, 21.8686, 56.1703
YIQ	132.2690, -6.7460, 34.1660

Conversions

Conversions Part 2

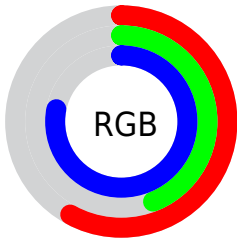
Format	Color
RYB	147, 112, 198
Decimal	9662662
CIELab	53.89, 31.53, -39.91
CIELCh	54, 50.862, 308.314
Yxy	21.8686, 0.2642, 0.2062
Android (android.graphics.Color)	4287852742 (0xFF9370C6)
YUV	132.2690, 32.4054, 12.9191
Hunter-Lab	46.7639, 25.1163, -38.4813

Details

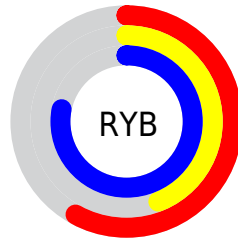
The YUV color **132.2690, 32.4054, 12.9191** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **177.7310, -32.4054, -12.9191**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0350, 33.9997, 14.8783**, and **81.5030, 30.8110, 10.9599** is the 20% darker color. If you saturate the color by 10%, you get **116.9410, 39.9621, 15.8377**, and if you desaturate by 10%, it is **147.5970, 24.8487, 10.0004**.

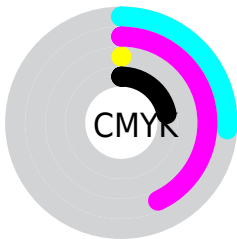
Distribution



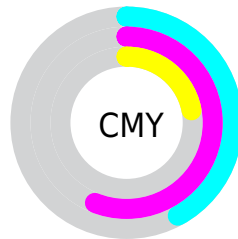
- Red (58%)
- Green (44%)
- Blue (78%)



- Red (58%)
- Yellow (44%)
- Blue (78%)



- Cyan (26%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)





- Cyan (42%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.2690, 32.4054, 12.9191 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 132.2690, 32.4054, 12.9191 by changing the saturation by 10% instead.


 132.2690, 32.4054,
12.9191


 132.2690, 32.4054,
12.9191


255.0000, 0.0000,
0.0000

 106.3290, 31.3898,
11.9895


 186.0350, 33.9997,
14.8783


 81.5030, 30.8110,
10.9599


 210.8430, 21.7694,
17.6777


 57.2640, 29.9428,
9.4155

 234.4550, 10.1287,
18.0180

 33.6120, 28.7853,
7.3563

 250.8910, 2.0257,
3.6036

 12.5360, 27.3438,
3.0379

 5.1300, 19.6559,
-4.4990

 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 132.2690, 32.4054,
12.9191

■ 132.2690, 32.4054,
12.9191

■ 116.9410, 39.9621,
15.8377

■ 147.5970, 24.8487,
10.0004

■ 101.9120, 47.3714,
19.3712

■ 162.6260, 17.4394,
6.4670

■ 87.1710, 54.6387,
21.7750

■ 177.3670, 10.1721,
4.0631

■ 71.8430, 62.1954,
24.6937

■ 192.6950, 2.6154,
1.1445

■ 56.5150, 69.7521,
27.6123

■ 208.0230, -4.9413,
-1.7742

46.7910, 74.5460,
30.0013

223.0520,
-12.3506, -5.3076

238.3800,
-19.9073, -8.2263

244.3160,
-22.8338, -2.9081

247.9040,
-24.6027, 4.4692

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



119.7710, 47.4409, -49.7882



132.2690, 32.4054, 12.9191



131.3420, 15.1144, 52.3201

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



132.2690, 32.4054, 12.9191



125.8570, -39.8625, 45.7294



104.0100, 17.7431, -91.2168

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



132.2690, 32.4054, 12.9191



177.7310, -32.4054, -12.9191

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.7060, -1.3341, -85.6882



132.2690, 32.4054, 12.9191



122.9320, -43.8435, 15.8456

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



132.2690, 32.4054, 12.9191



127.0010, -24.6505, 66.6511



117.8440, -30.4891, -20.9112



108.2110, 36.3780, -94.9010

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



132.2690, 32.4054, 12.9191



128.9990, 1.9725, 67.5299



117.8440, -30.4891, -20.9112



102.3000, 11.1911, -89.7171

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



132.2690, 32.4054, 12.9191



229.6490, 12.4980, 4.6928



152.3280, 22.5163, -35.3677



111.7860, 7.9935, 2.8187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.2690, 32.4054, 12.9191



153.3080, 50.1342, 19.9009



144.8270, 26.2143, 38.7397



92.2220, 3.3416, 1.5593



38.3160, 61.4692, 24.2789



8.5890, 13.5136, 5.6224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



143.5280, 9.5997, 47.7719



170.7730, 14.9019, 73.8671



165.1730, -26.2143, -38.7397



93.2610, 0.8573, 5.0331



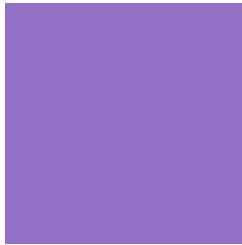
59.7950, 18.3421, 90.5108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 132.2690, 32.4054, 12.9191 looks on a white background.

Color Contrast Check

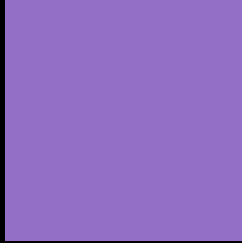
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 132.2690, 32.4054, 12.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.2690, 32.4054, 12.9191 Background



This preview shows how black text looks on a background with the YUV color 132.2690, 32.4054, 12.9191.



This preview shows how white text looks on a background with the YUV color 132.2690, 32.4054, 12.9191.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

132.2690, 32.4054, 12.9191

Protanopia

126.4210, 41.6974, -27.5562

Deuteranopia

126.6680, 33.6877, -25.1418



Tritanopia

130.1300, 2.8939, 5.1480

Trichromacy



Original Color

132.2690, 32.4054, 12.9191

Protanomaly

128.5970, 38.1597, -12.8016

Deuteranomaly

128.6420, 33.2075, -11.0870

Tritanomaly

131.0130, 13.7976, 7.8816

Monochromacy



Original Color

132.2690, 32.4054, 12.9191

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1220, 11.7719, 4.2780

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2690, 32.4054, 12.9191 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(147, 112, 198)` looks like.

```
.text, #text, p{  
    color:rgb(147, 112, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(147, 112, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 112, 198) }
```

Border

The CSS property to change the border of an element to YUV 132.2690, 32.4054, 12.9191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 112, 198) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(147, 112, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(147, 112, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 112, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 112, 198);  
box-shadow:4px 4px 4px 4px rgb(147, 112,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 132.2690, 32.4054, 12.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 112, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(147,  
112, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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